

03-07-06

IFW



PATENT

Attorney Docket No: 7640-X04-019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Arie JEHUDA POLAK  
Serial No.: 10/803,868  
Filed: March 17, 2004  
Title: SPRAY DEVICE FOR COOLING CATTLE IN SHEDS  
AND METHOD OF USING THE SAME

CERTIFICATE OF EXPRESS MAILING

PATENTS

EXPRESS "Express Mail" Mailing Label number EV 853275627 US

Date of March 6, 2006

I hereby certify that the attached paper(s) or fee(s) is/are being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

*Estefania Belaunde*

(Signature of person mailing paper or fee)

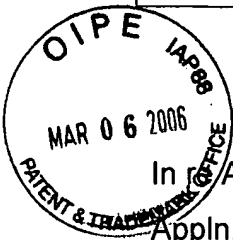
ESTEFANIA BELAUNDE

(Typed or printed name of person mailing paper or fee)

PATENT

Attorney Docket:

7640-X04-019



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Ariei Jehuda POLAK

Group Art Unit: 3752

Appln. No.: 10/803,868

Filed: March 17, 2004

For: SPRAY DEVICE FOR COOLING CATTLE IN SHEDS AND METHOD  
OF USING THE SAME

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria VA 22313-1450

Dear Sir:

Submitted herewith are:

- (1) Forms PTO/SB/08A and PTO/SB/08B; and
- (2) Copies of the references cited in said Forms.

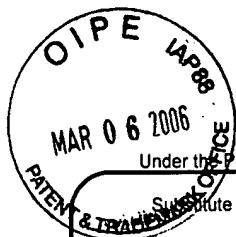
It is requested that an initialed copy of the forms PTO/SB/08A and PTO/SB/08B be returned to indicate that the publications listed therein have been considered and made of record.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "P. Q. E." or similar.

Martin Fleit, Reg. #16,900  
By PAUL D. BIANCO, Reg #43,500

Martin Fleit  
FLEIT KAIN GIBBONS GUTMAN BONGINI & BIANCO, P.L.  
21355 East Dixie Highway, Suite 115  
Miami, Florida 33180  
Tel: 305-830-2600; Fax: 305-830-2605  
e-mail: MFleit@FocusOnIP.com



PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/803,868
Filing Date	March 17, 2004
First Named Inventor	POLAK, ArieH Jehuda
Art Unit	3752
Examiner Name	
Attorney Docket Number	7640-X04-019

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,443,387	04-17-1984	Gordon	
		US- 4,476,809	10-16-1984	Bunger	
		US- 5,372,305	12-13-1994	Ballu	
		US- 6,568,352	05-27-2003	Fransen	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/803,868
Filing Date	March 17, 2004
First Named Inventor	POLAK, ArieH Jehuda
Art Unit	3752
Examiner Name	
Attorney Docket Number	7640-X04-019

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AA	"Interactions Between Body Condition at Calving and Cooling of Dairy Cows during Lactation in Summer," Flamenbaum et al, Journal of Dairy Science, Vol. 78, No. 10, 1995; pages 2221-2229.	
	AB	"Dry Period Heat Stress Relief Effects on Prepartum Progesterone, Calf Birth Weight, and Milk Production," Wolfenson et al, Journal of Dairy Science, Vol. 71, No. 3, 1988; pages 809-818.	
	AC	"Hyperthermia and Body Energy Store Effects on Estrous Behavior, Conception Rate, and Corpus Luteum Function in Dairy Cows"; Wolfenson et al; Journal of Dairy Science; Vol. 71; 1988; pages 3497-3504.	
	AD	"Cooling Dairy Cattle by a Combination of Sprinkling and Forced Ventilation and its Implementation in the Shelter System"; Flamenbaum et al; Journal of Dairy Science; Vol. 69; 1986; pages 3140-3147.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.